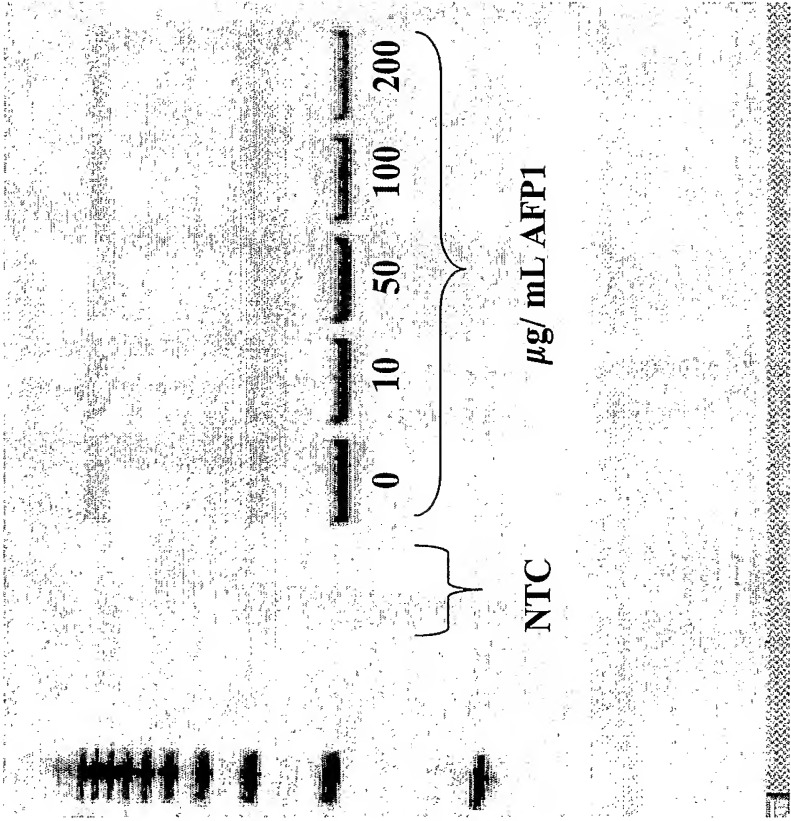


Real-Time PCR Titration with AFP1



50ug/mL AFP1 is the highest concentration that does not affect product yield.

Fig.1

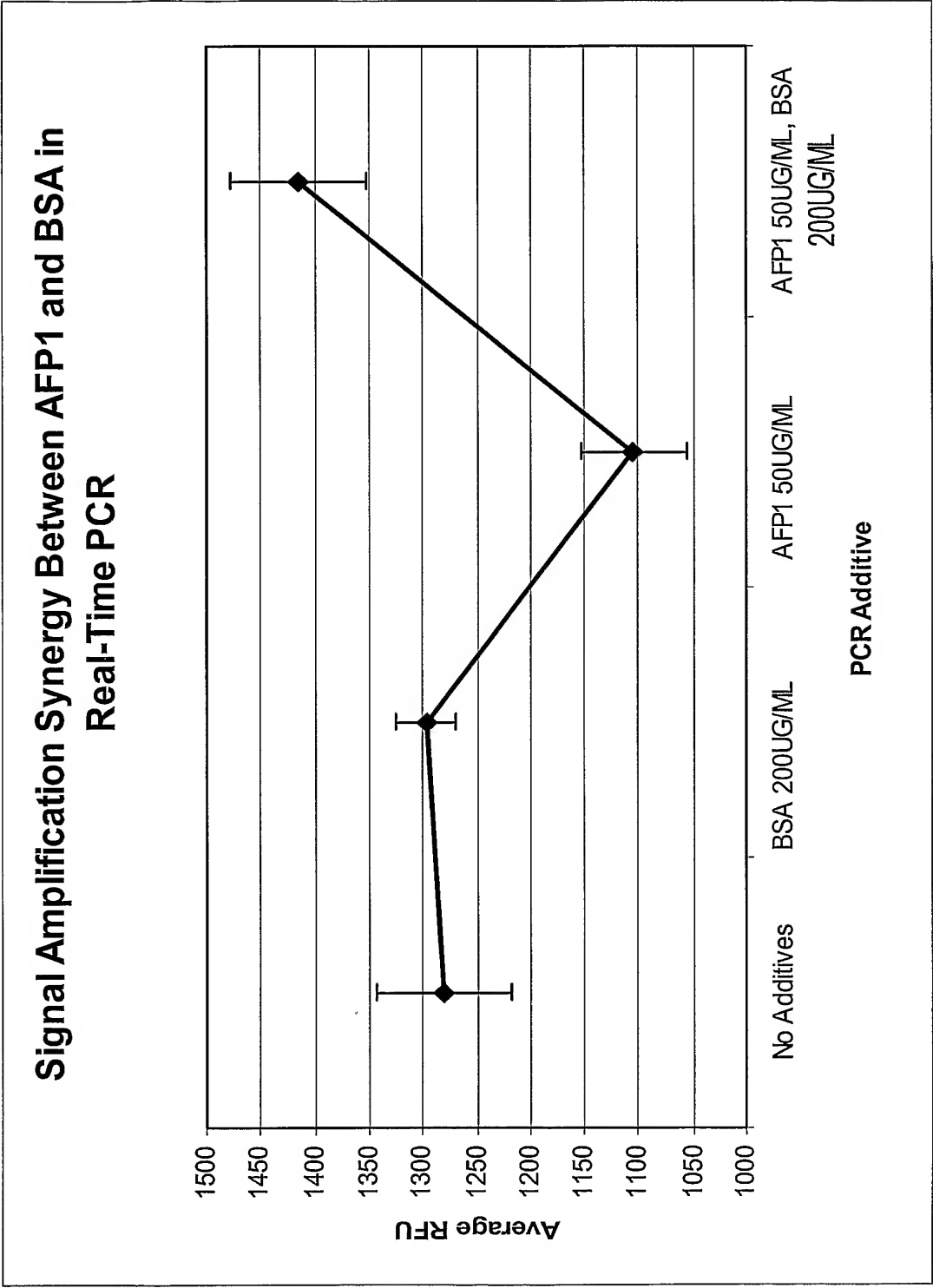


Fig. 2A

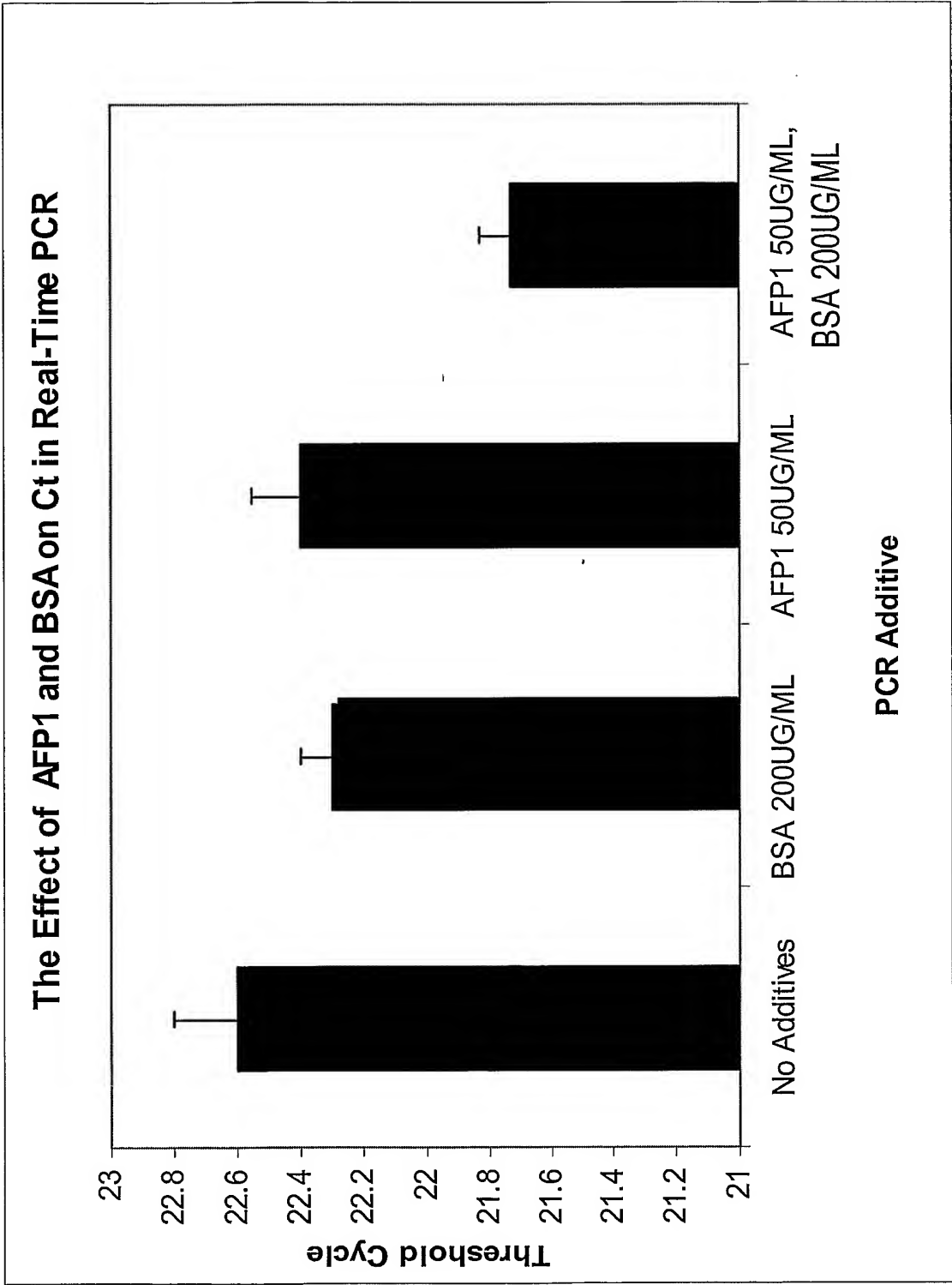


Fig. 2B

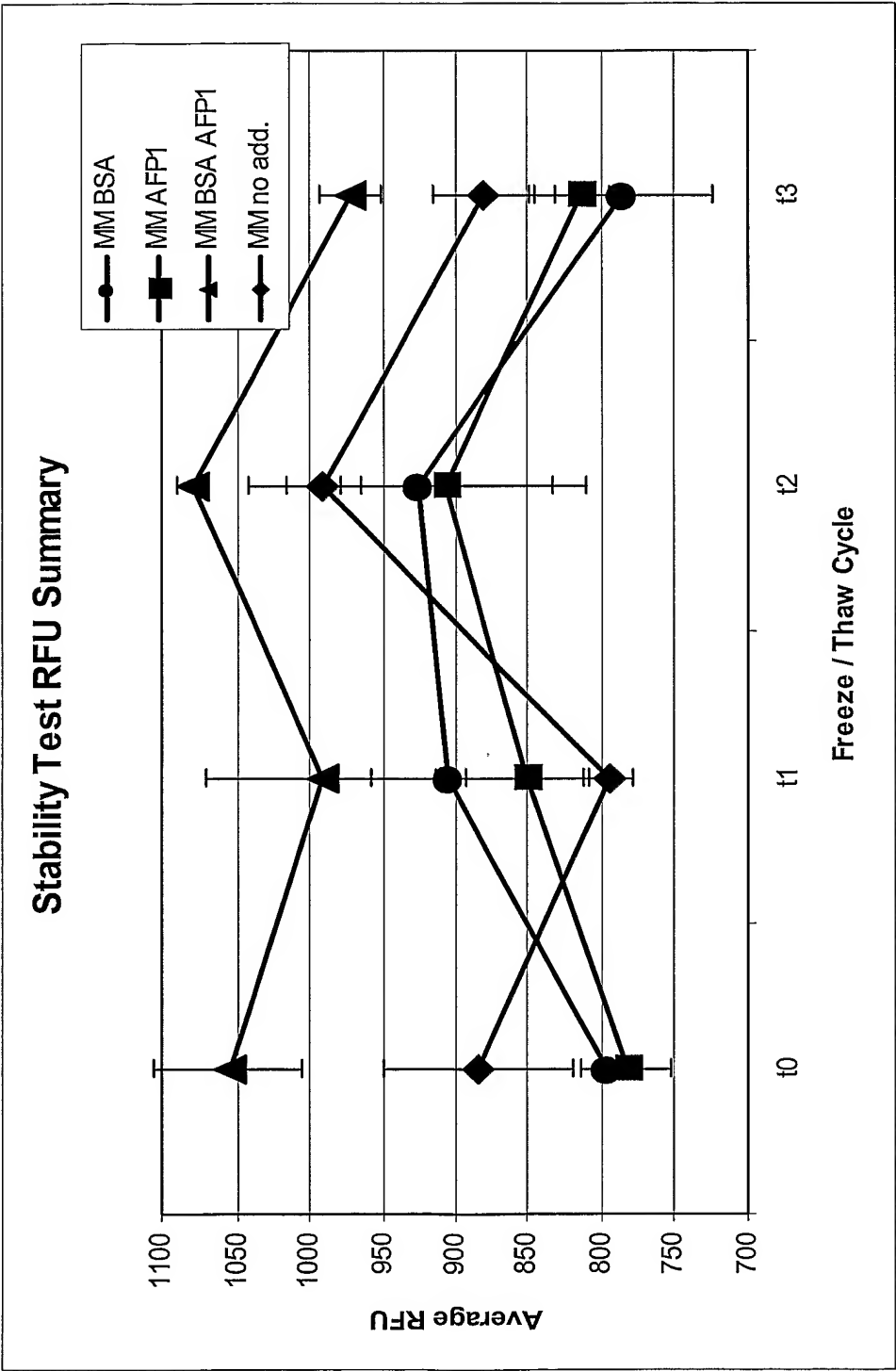


Fig. 3A

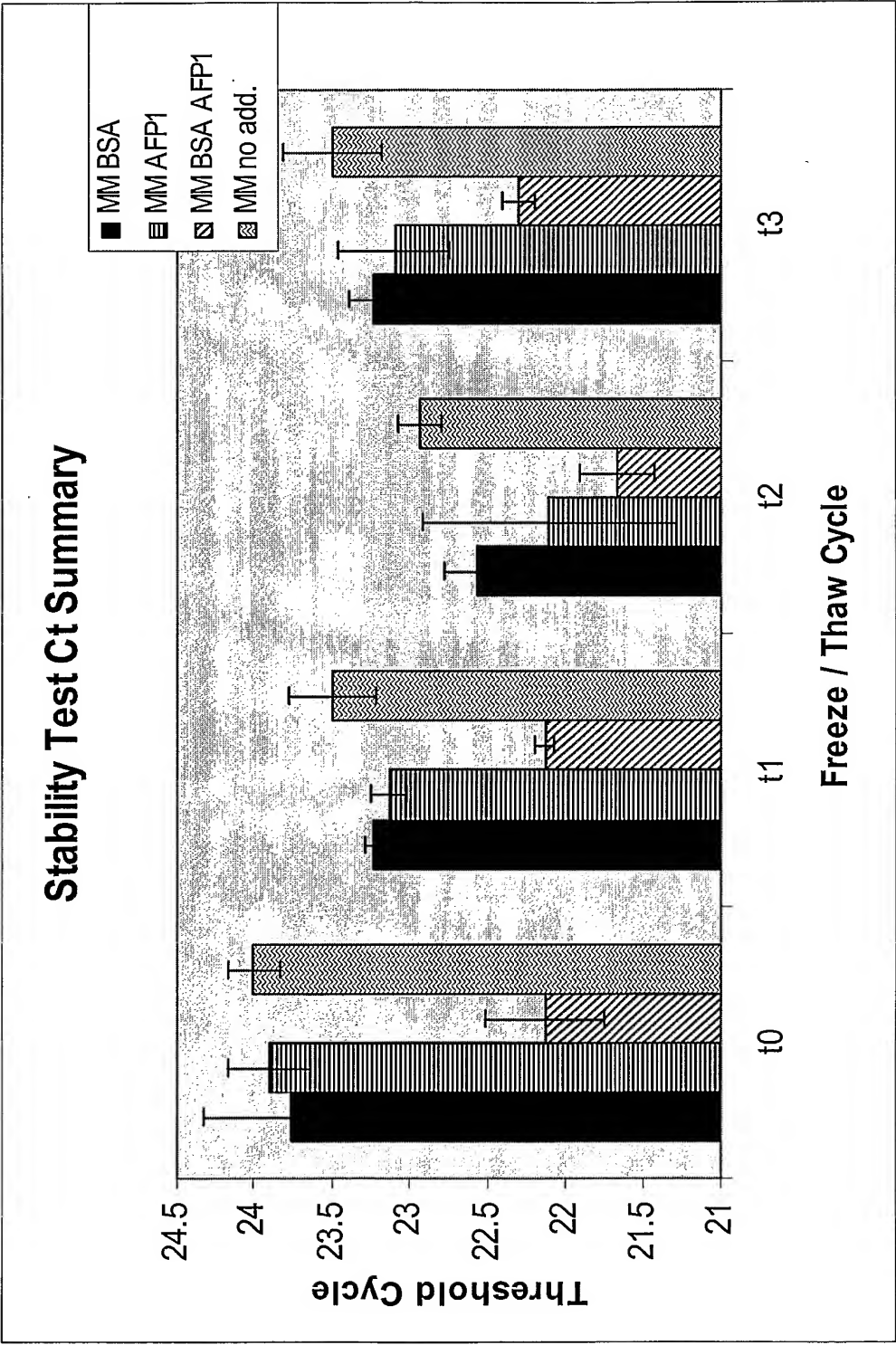


Fig. 3B

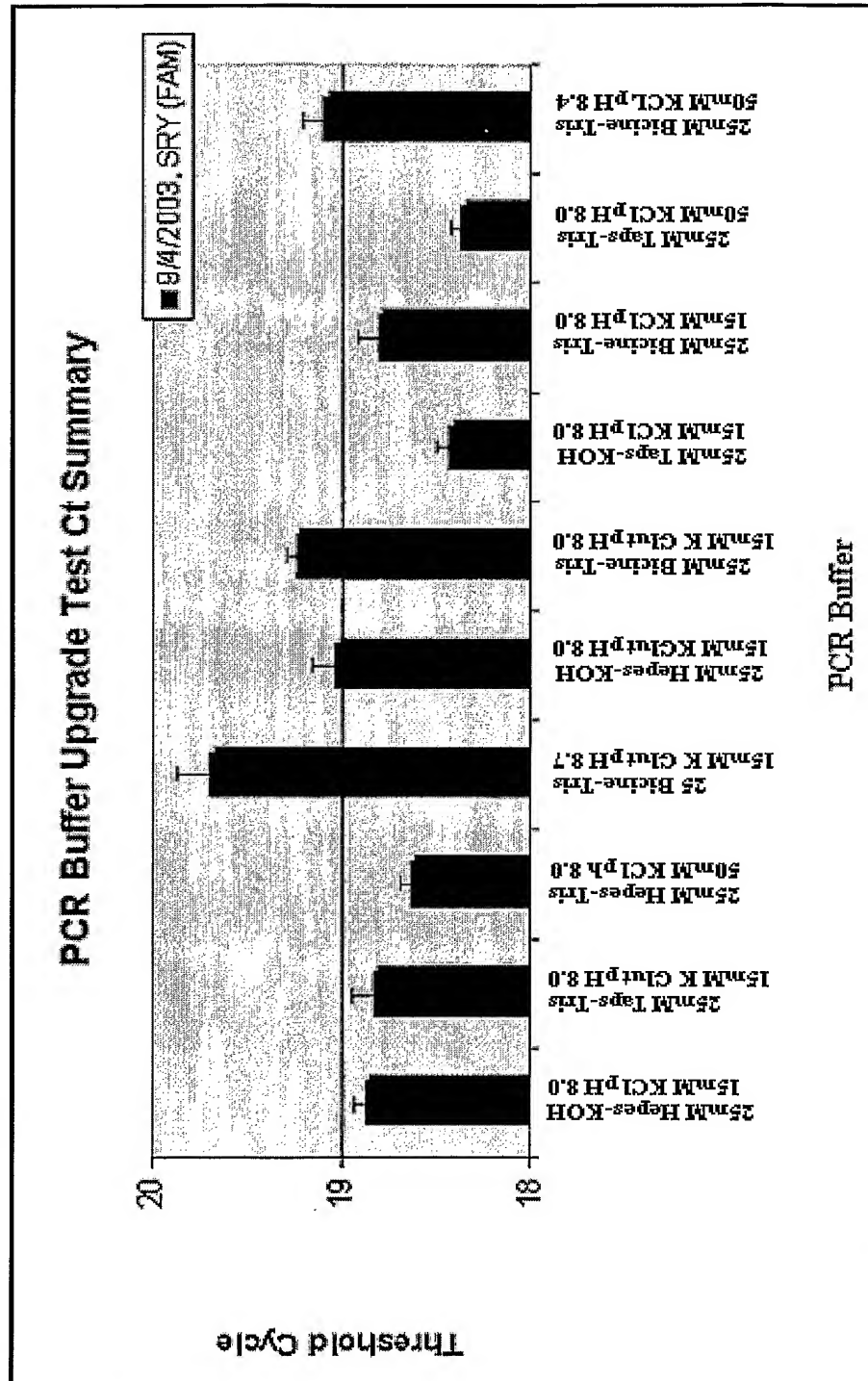


Fig. 4A

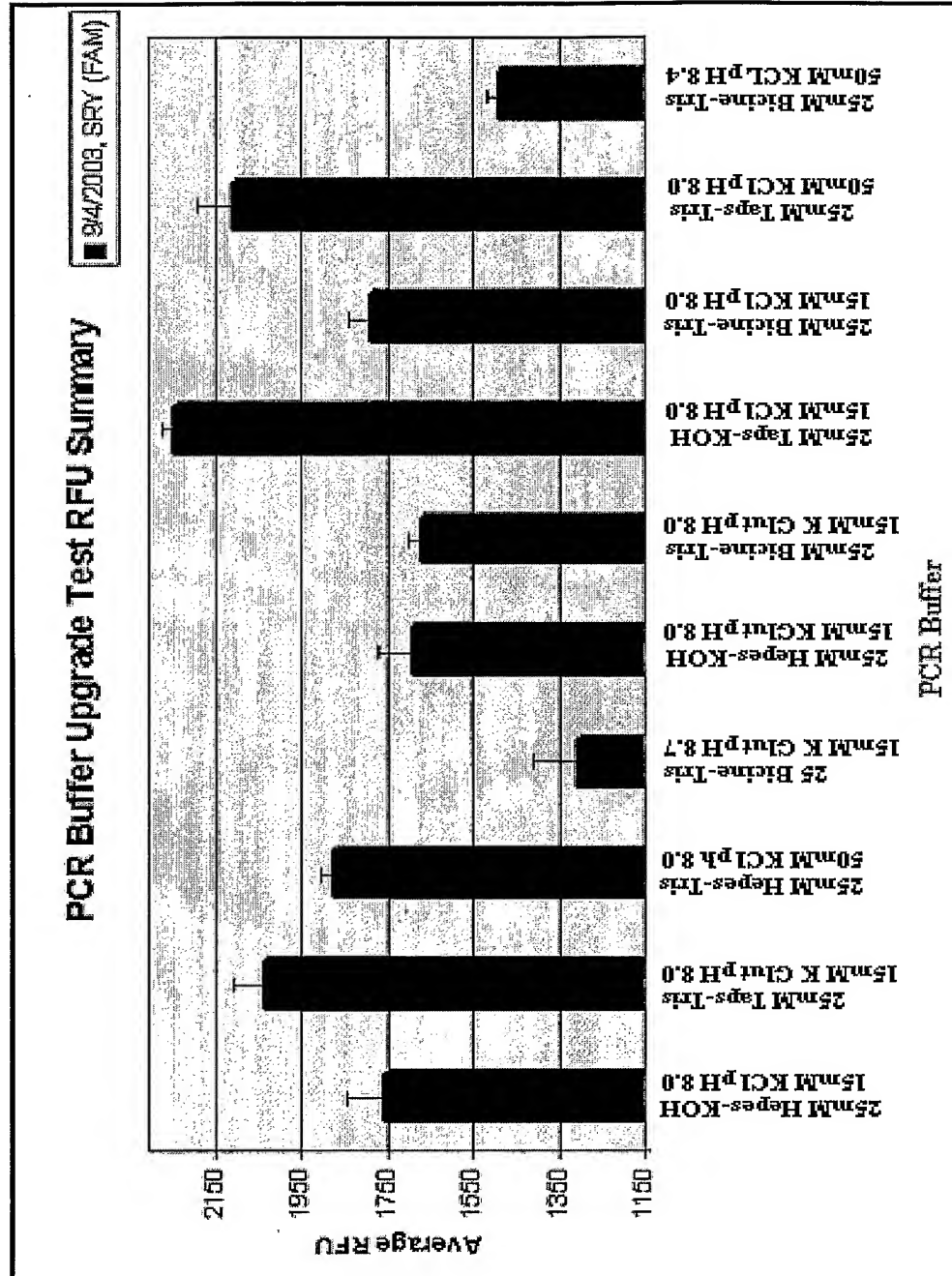


Fig. 4B

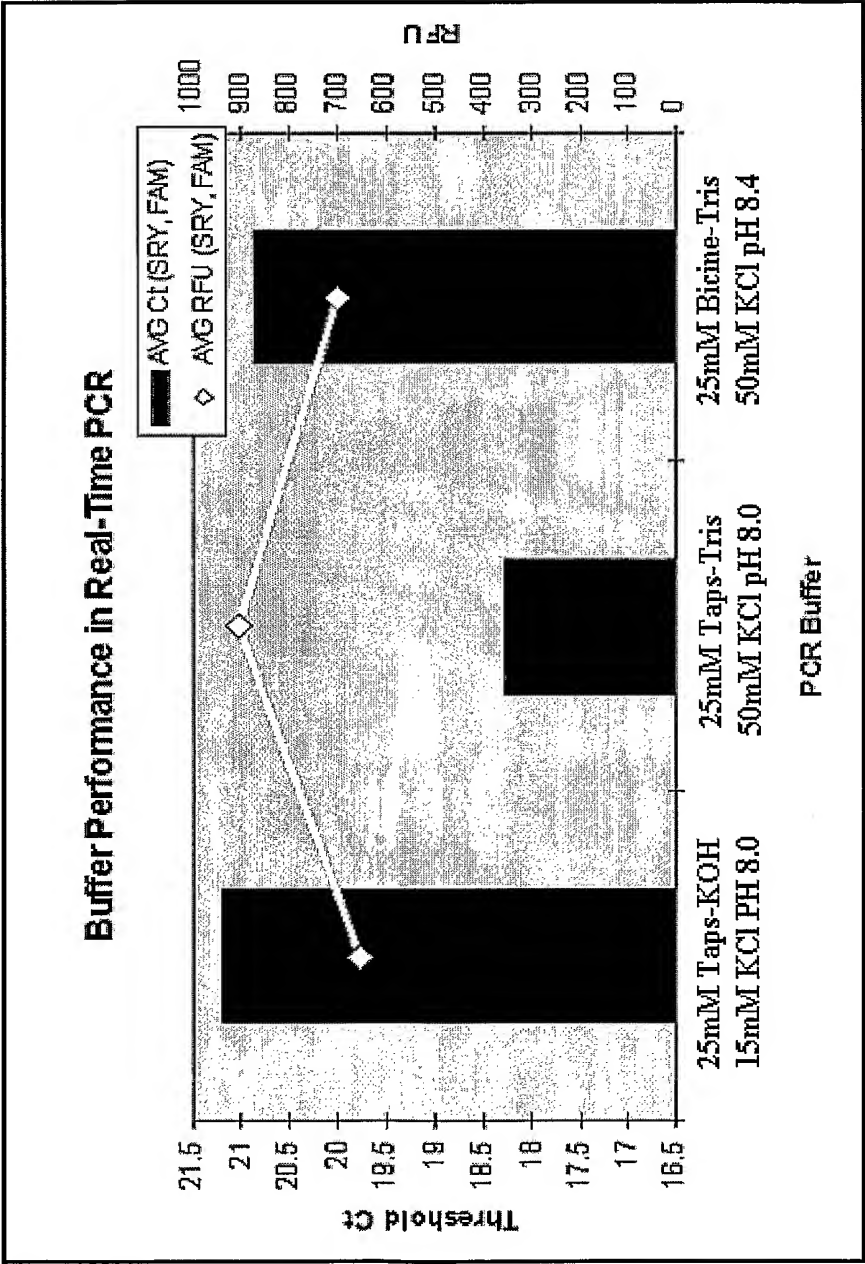


Fig. 5

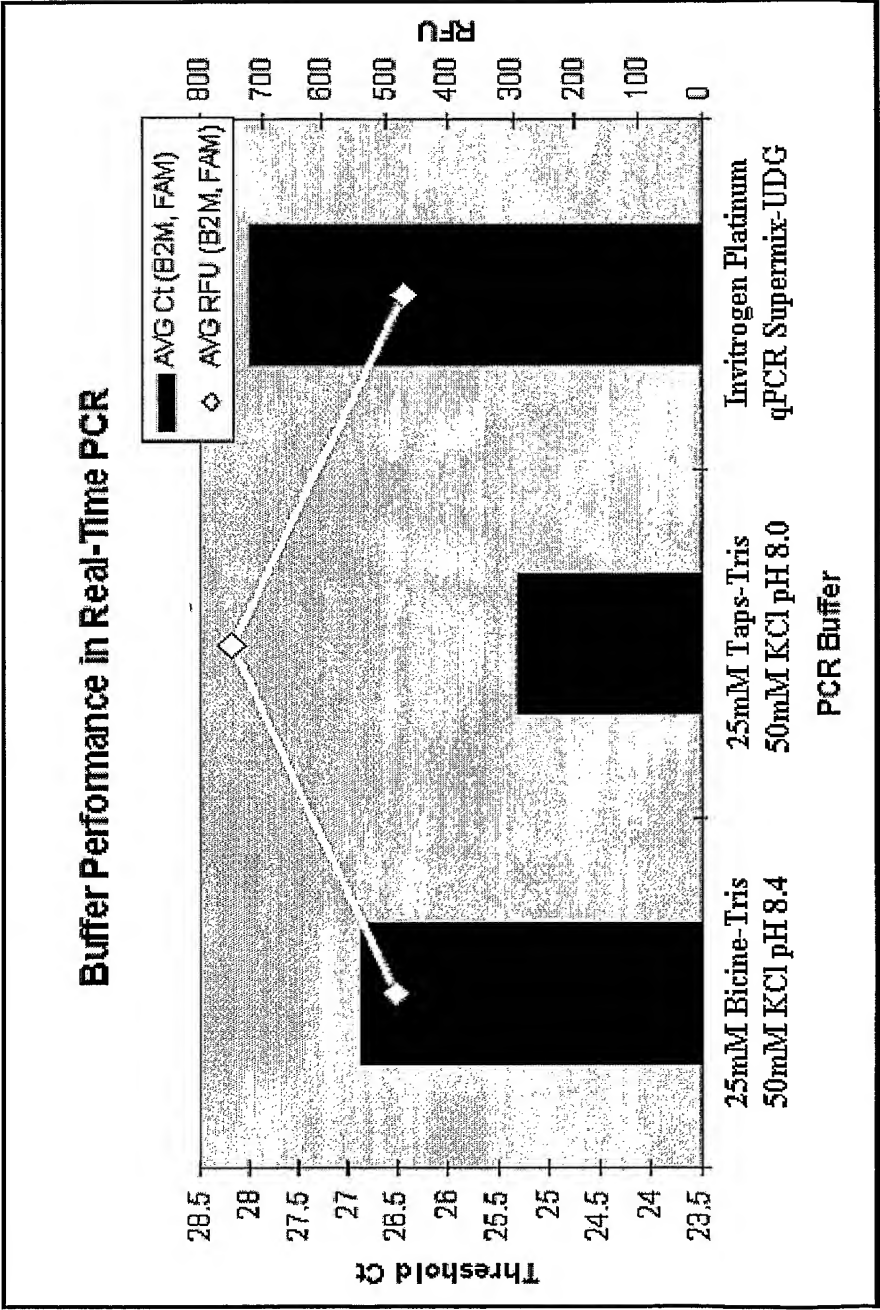


Fig. 6

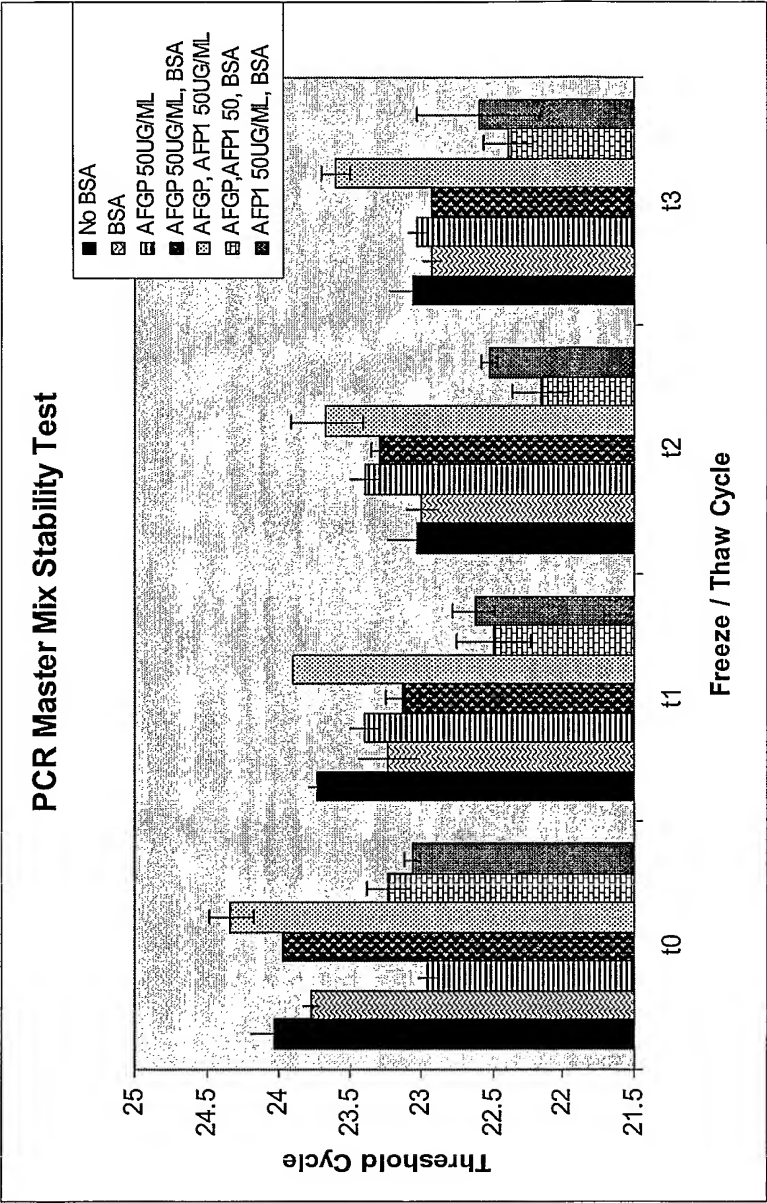


Fig. 7

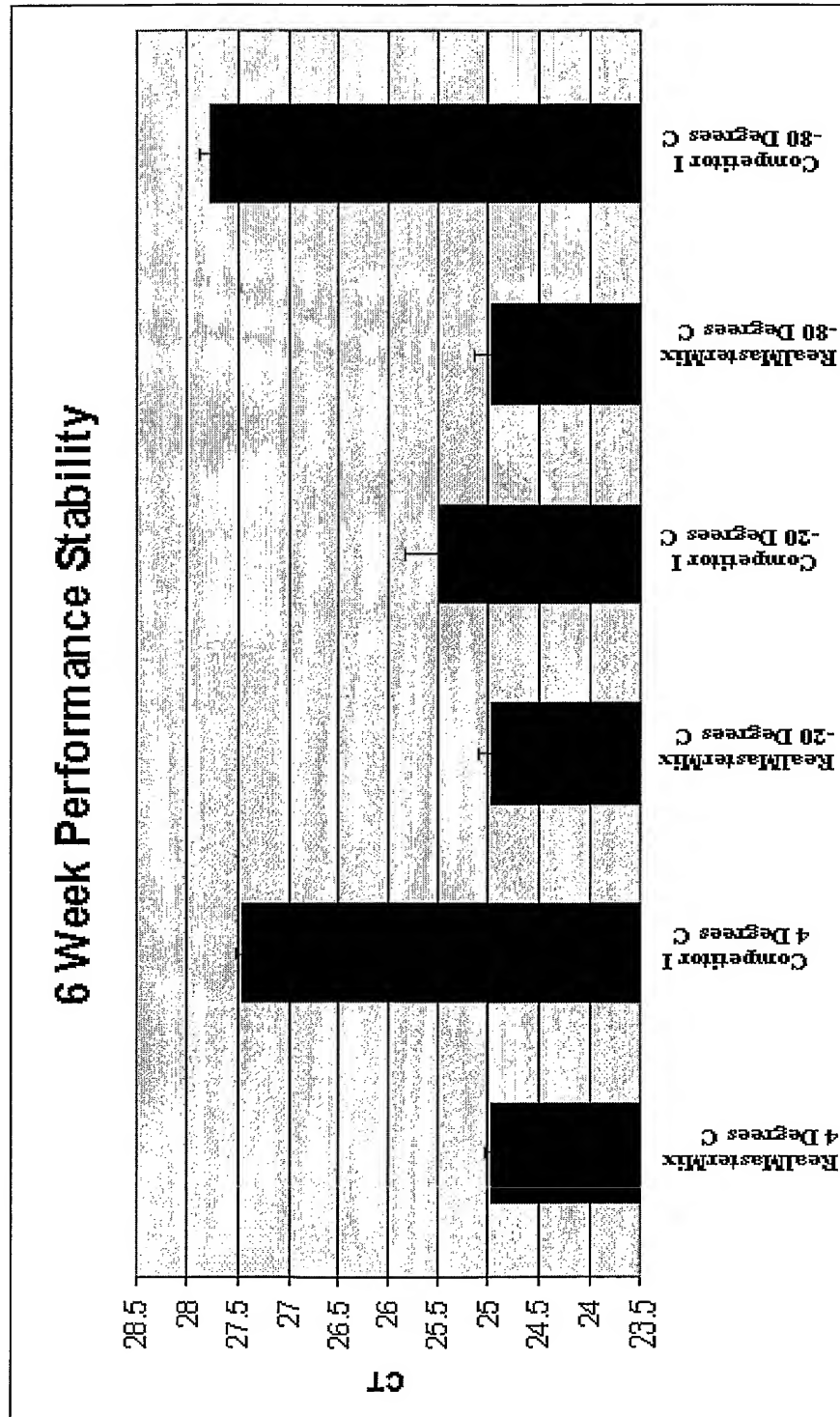


Fig. 8A

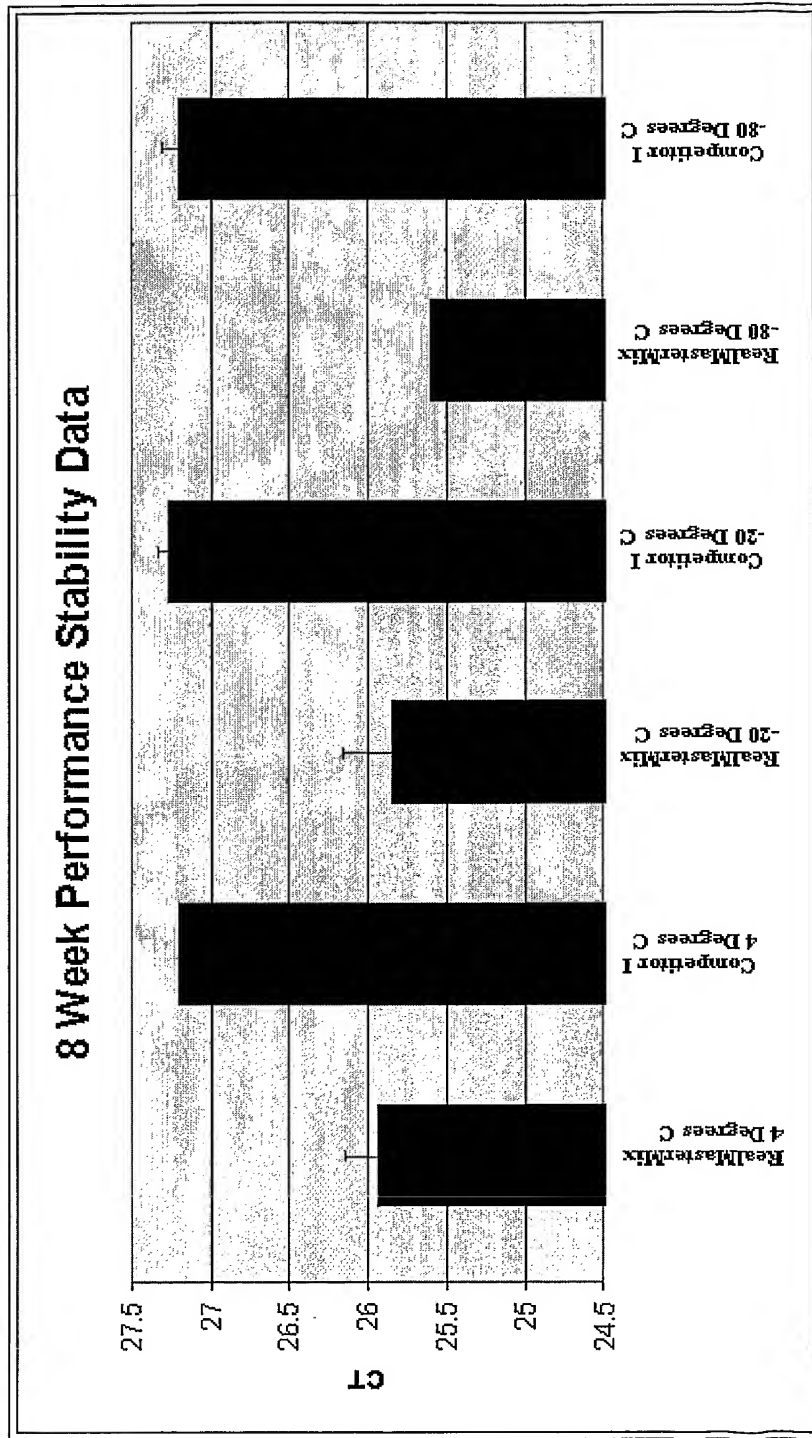
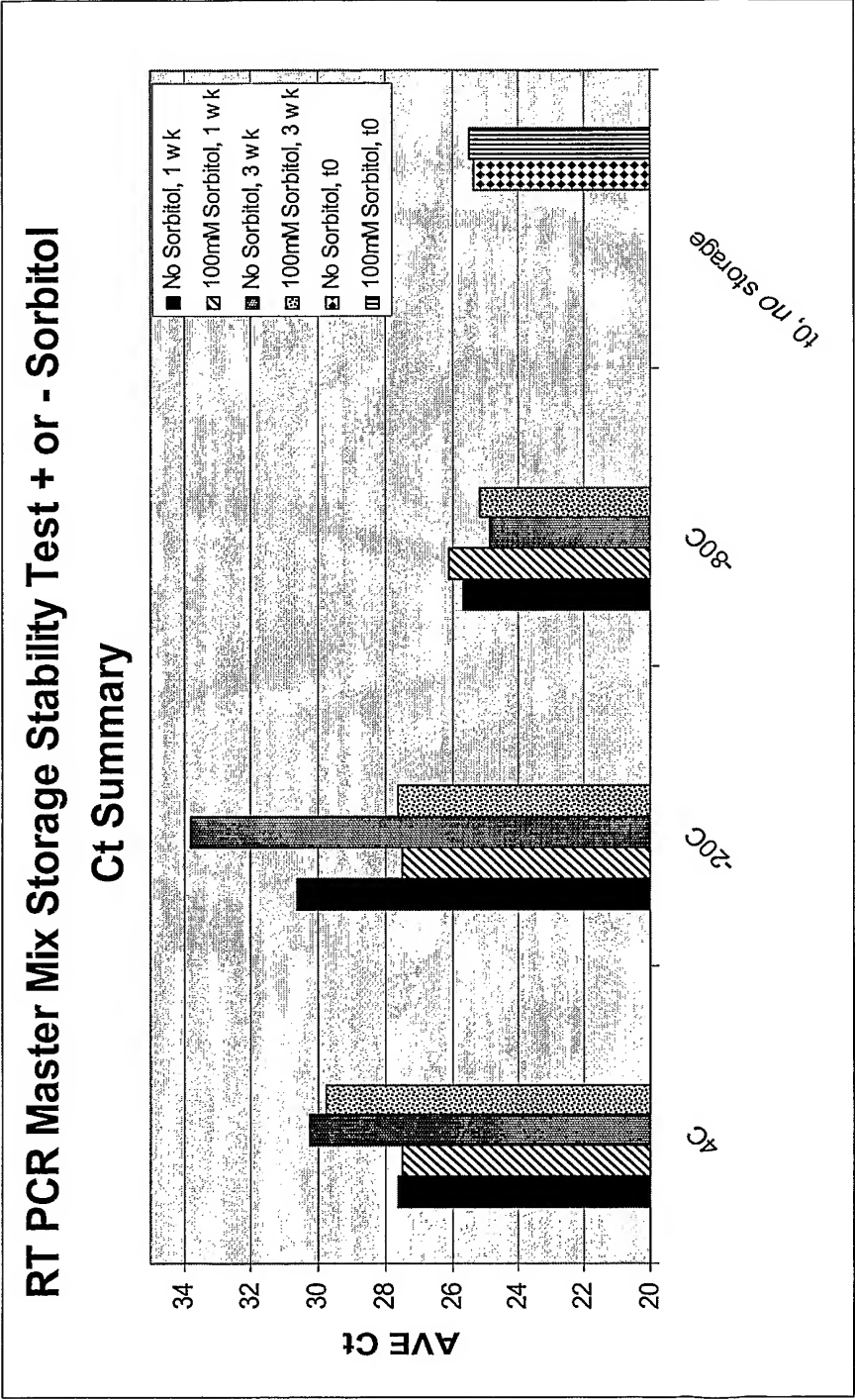
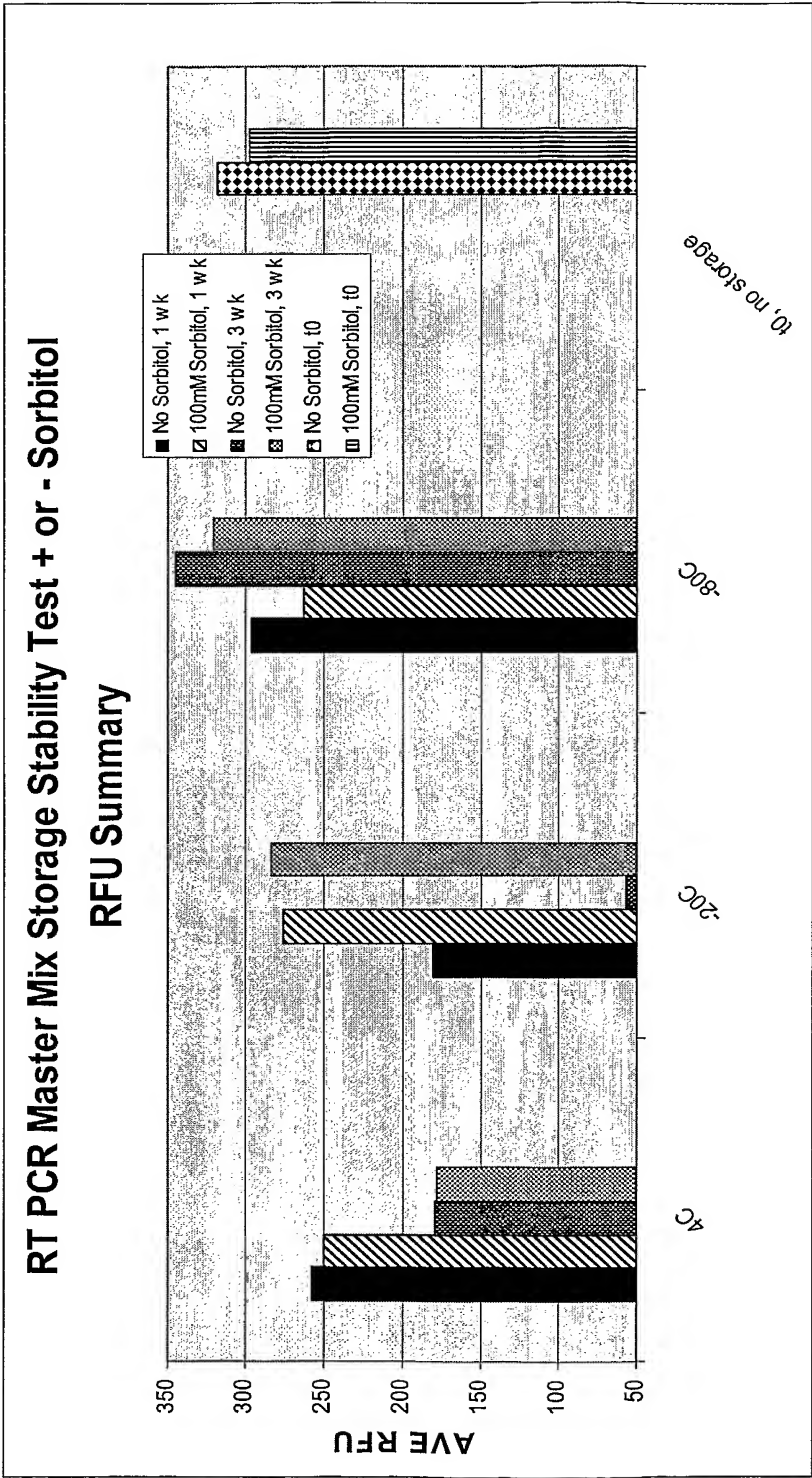


Fig. 8B



Ct chart	No Sorbitol, 1 wk	No Sorbitol, 3 wk	100mM Sorbitol, 1 wk	100mM Sorbitol, 3 wk	No Sorbitol, t0	100mM Sorbitol, t0
4C	27.65	30.3	27.5	29.8		
-20C	30.65	33.8	27.5	27.6		
-80C	25.7	24.9	26.15	25.2		
t0, no storage					25.35	25.5

Fig. 9A



RFU chart		No Sorbitol, 1 wk	No Sorbitol, 3 wk	100mM Sorbitol, 1 wk	100mM Sorbitol, 3 wk	No Sorbitol, t0	100mM Sorbitol, t0
4C		258.02	179.5	250.63	178.4		
-20C		180.635	56.0	275.8	282.7		
-80C		295.69	345.2	262.985	320.7		
t0, no storage						318.405	297.95

Fig. 9B

RT PCR Master Mix Storage Stability Test + or - Sorbitol
t0 vs t = 1 week, Product Yield Comparison

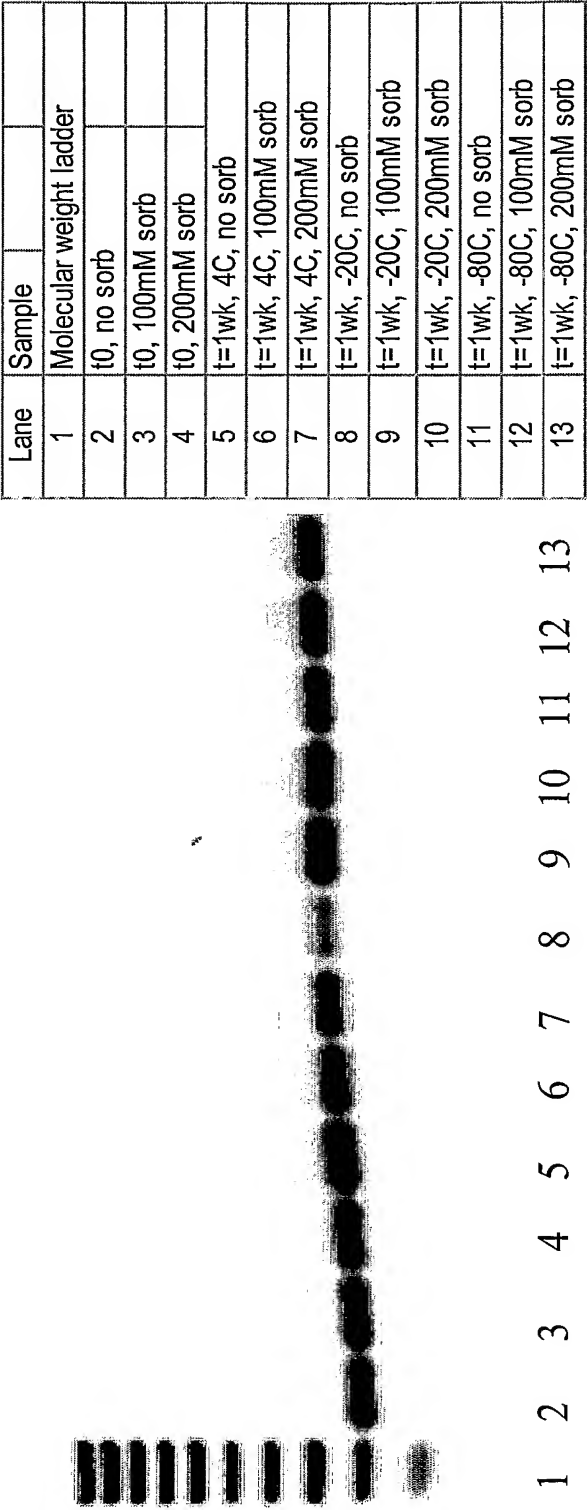


Fig. 10A

RT PCR Master Mix Storage Stability Test + or – Sorbitol
t = 3 weeks, Product Yield Comparison

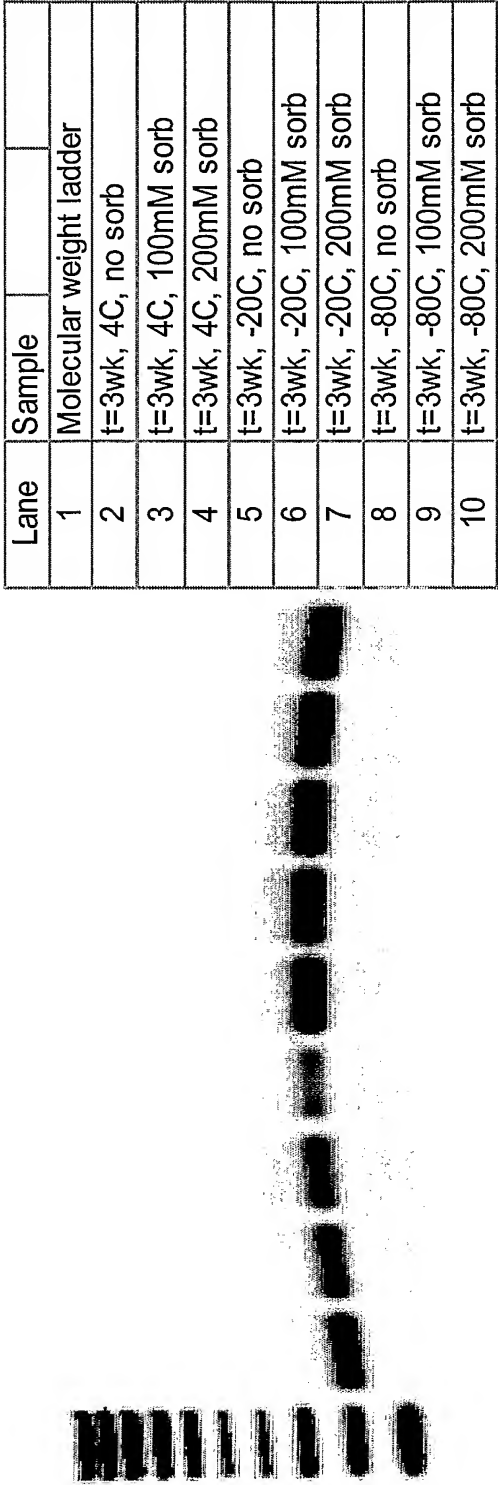


Fig. 10B

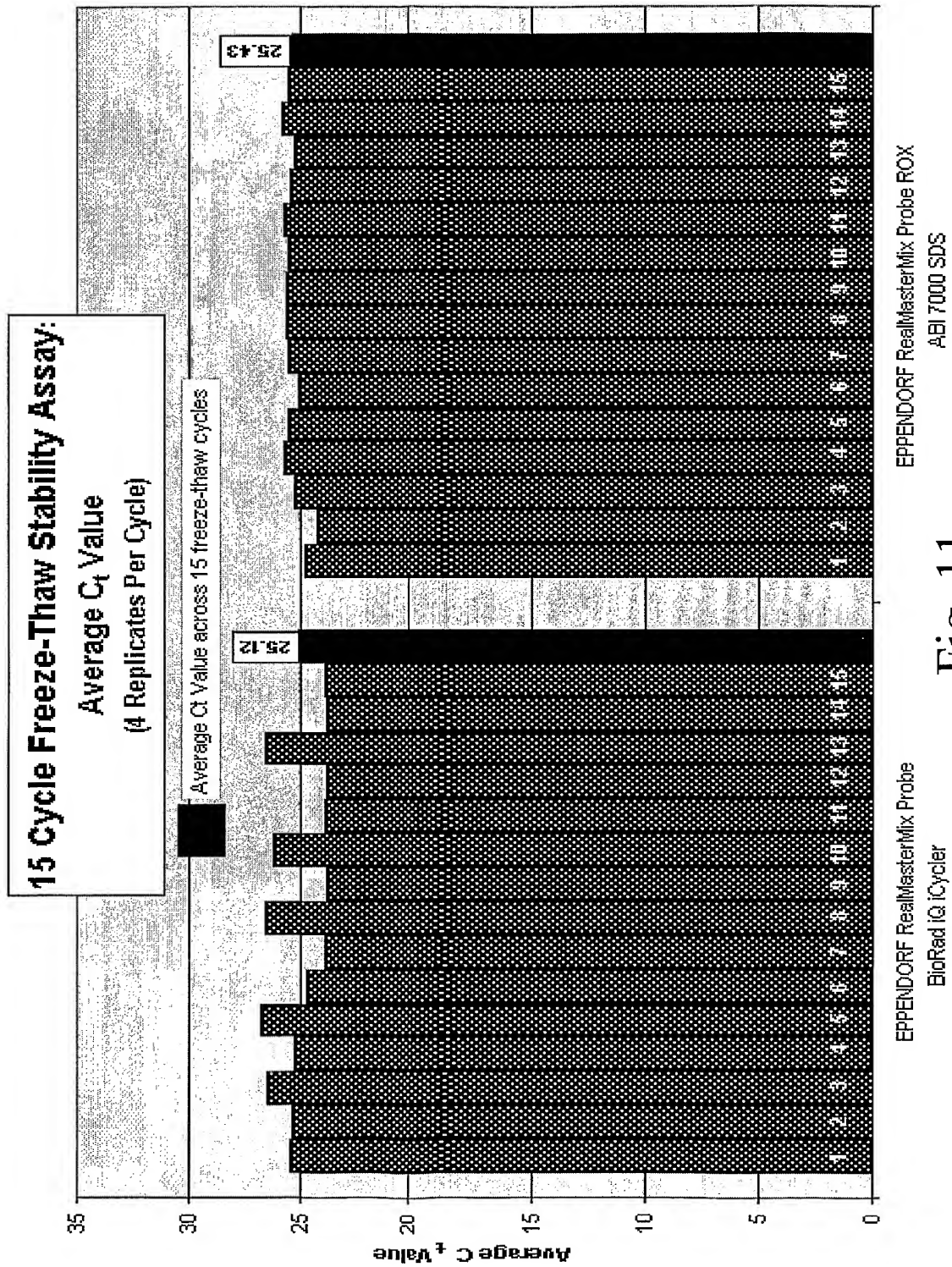


Fig. 11